



PCT

RAW SEQUENCE LISTING

DATE: 10/08/2004

PATENT APPLICATION: US/10/509,975

TIME: 13:57:37

Input Set : A:\2543-1-036PCTUS - Seq listing.txt

Output Set: N:\CRF4\10082004\J509975.raw

3 <110> APPLICANT: Patel, Sonal
 5 <120> TITLE OF INVENTION: SC6 FOR DIAGNOSIS OF HYPOXIA RELATED CONDITIONS
 7 <130> FILE REFERENCE: 2543-1-036PCT/US
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/509,975
 C--> 10 <141> CURRENT FILING DATE: 2004-10-01
 12 <150> PRIOR APPLICATION NUMBER: GB 0207533.1
 13 <151> PRIOR FILING DATE: 2002-04-02
 15 <160> NUMBER OF SEQ ID NOS: 4
 17 <170> SOFTWARE: PatentIn version 3.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 619
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Homo Sapiens
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 35 35 40 45
 38 Asp Phe Val Leu Ser Val Ala Gly Gly Phe Val Gly Leu Gly Asn Val
 39 50 55 60
 42 Trp Arg Phe Pro Tyr Leu Cys Tyr Lys Asn Gly Gly Ala Phe Leu
 43 65 70 75 80
 46 Ile Pro Tyr Phe Ile Phe Leu Phe Gly Ser Gly Leu Pro Val Phe Phe
 47 85 90 95
 50 Leu Glu Ile Ile Ile Gly Gln Tyr Thr Ser Glu Gly Gly Ile Thr Cys
 51 100 105 110
 54 Trp Glu Lys Ile Cys Pro Leu Phe Ser Gly Ile Gly Tyr Ala Ser Val
 55 115 120 125
 58 Val Ile Val Ser Leu Leu Asn Val Tyr Tyr Ile Val Ile Leu Ala Trp
 59 130 135 140
 62 Ala Thr Tyr Tyr Leu Phe Gln Ser Phe Gln Lys Glu Leu Pro Trp Ala
 63 145 150 155 160
 66 His Cys Asn His Ser Trp Asn Thr Pro His Cys Met Glu Asp Thr Met
 67 165 170 175
 70 Arg Lys Asn Lys Ser Val Trp Ile Thr Ile Ser Ser Thr Asn Phe Thr
 71 180 185 190
 74 Ser Pro Val Ile Glu Phe Trp Glu Arg Asn Val Leu Ser Leu Ser Pro
 75 195 200 205
 78 Gly Ile Asp His Pro Gly Ser Leu Lys Trp Asp Leu Ala Leu Cys Leu
 79 210 215 220
 82 Leu Leu Val Trp Leu Val Cys Phe Phe Cys Ile Cys Lys Gly Val Arg

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83 225                230                235                240
86 Ser Thr Gly Lys Val Val Tyr Phe Thr Ala Thr Phe Pro Phe Ala Met
87                245                250                255
90 Leu Leu Val Leu Leu Val Arg Gly Leu Thr Leu Pro Gly Ala Gly Arg
91                260                265                270
94 Gly Ile Lys Phe Tyr Leu Tyr Pro Asp Ile Thr Arg Leu Glu Asp Pro
95                275                280                285
98 Gln Val Trp Ile Asp Ala Gly Thr Gln Ile Phe Phe Ser Tyr Ala Ile
99                290                295                300
102 Cys Leu Gly Ala Met Thr Ser Leu Gly Ser Tyr Asn Lys Tyr Lys Tyr
103 305                310                315                320
106 Asn Ser Tyr Arg Asp Cys Met Leu Leu Gly Cys Leu Asn Ser Gly Thr
107                325                330                335
110 Ser Phe Val Ser Gly Phe Ala Ile Phe Ser Ile Leu Gly Phe Met Ala
111                340                345                350
114 Gln Glu Gln Gly Val Asp Ile Ala Asp Val Ala Glu Ser Gly Pro Gly
115                355                360                365
118 Leu Ala Phe Ile Ala Tyr Pro Lys Ala Val Thr Met Met Pro Leu Pro
119                370                375                380
122 Thr Phe Trp Ser Ile Leu Phe Phe Ile Met Leu Leu Leu Leu Gly Leu
123 385                390                395                400
126 Asp Ser Gln Phe Val Glu Val Glu Gly Gln Ile Thr Ser Leu Val Asp
127                405                410                415
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134 Ala Phe Val Cys Ser Ile Ser Tyr Leu Leu Gly Leu Thr Met Val Thr
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138 Glu Gly Gly Met Tyr Val Phe Gln Leu Phe Asp Tyr Tyr Ala Ala Ser
139                450                455                460
142 Gly Val Cys Leu Leu Trp Val Ala Phe Phe Glu Cys Phe Val Ile Ala
143 465                470                475                480
146 Trp Ile Tyr Gly Gly Asp Asn Leu Tyr Asp Gly Ile Glu Asp Met Ile
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151                500                505                510
154 Val Leu Cys Val Gly Cys Phe Ile Phe Ser Leu Val Lys Tyr Val Pro
155                515                520                525
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162 Gly Trp Ser Leu Ala Leu Ser Ser Met Leu Cys Val Pro Leu Val Ile
163 545                550                555                560
166 Val Ile Arg Leu Cys Gln Thr Glu Gly Pro Phe Leu Val Arg Val Lys
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170 Tyr Leu Leu Thr Pro Arg Glu Pro Asn Arg Trp Ala Val Glu Arg Glu
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174 Gly Ala Thr Pro Tyr Asn Ser Arg Thr Val Met Asn Gly Ala Leu Val
175                595                600                605
178 Lys Pro Thr His Ile Ile Val Glu Thr Met Met
179                610                615

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192 tgagggaaaa cctccgcaga gggagaagtg gtctagcaag atcgactttg tgctctctgt 180
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200 aaagatctgc cccttggtct ctggtatcgg ctatgcctcc gttgtaattg tgtccctcct 420
202 gaatgtctac tacatcgtca tcctggcctg ggccacatac tacctgttcc agtccttcca 480
204 gaaggagctg ccctgggcac actgcaacca cagctggaac acacctcact gcatggagga 540
206 caccatgcgc aagaacaaga gtgtctggat caccatcagc tcaccaact tcacctcccc 600
208 tgtcatcgag ttctgggagc gcaacgtgct gagcttgtcc cctggaatcg accaccagg 660
210 ctctctgaaa tgggacctcg ctctctgcct tcttttagtc tggctagtgt gtttcttctg 720
212 catctgcaag ggcgtcaggt ccactgggaa ggtcgtctac ttcacagcca cttttccatt 780
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334 <212> TYPE: DNA
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337 <400> SEQUENCE: 4
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VERIFICATION SUMMARY

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Output Set: N:\CRF4\10082004\J509975.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date